SPRING 2017 – Title Selection
Medicine – Oncology

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nosis and both established and novel therapeutic
terapy, and nuclear medicine) for achieving early diag-
aggressiveness, and prognostic factors for treat-
metastases. The characteristics of metastases, their
mechanisms of metastasis
in the treatment of these challenging tumors. In addition, the book explores novel and evolving
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and minimally invasive surgical and radiology tech-
without the role of intervention.

This book comprehensively summarizes the current
state of knowledge on malignancies of the gastroin-
testinal tract. Dedicated organ-based chapters evaluate current treatments and management and provide information on incidence, etiology and biological characteristics. The state of the art in the radiologic and endoscopic staging of gastrointestinal malignan-
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niques, and[...]

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M. Bolla, H. van Poppel (Eds.)

Management of Prostate Cancer
A Multidisciplinary Approach

This book, now in an extensively revised second edi-
tion, provides an exhaustive review of the state of the art in the management of prostate cancer, from screening to treatment, with emphasis on a multi-
disciplinary approach. The editors are very excited about the outstanding new or updated contributions from the different expert authors. The opening chapters address basic aspects including epidemiology, pathology, biology, genetics, and chemoprevention. The role of individual and mass screening is care-
fully appraised, and extensive attention is devoted to
diagnosis and clinical work-up by means of recently implemented investigations such as multiparametric MRI and choline PET-CT. The[...]

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D. Bentrem, A.B. Benson (Eds.)

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F. Bertoldo, F. Boccardo, E. Bombardieri, L. Evangelista, R. Valdagni (Eds.)

Bone Metastases from Prostate Cancer
Biology, Diagnosis and Management

This book presents up-to-date information on one
of the hottest topics in prostate cancer, namely bone metastases. The most recent developments with
respect to biology, pathology, diagnosis, and treat-
ment are described, providing readers with an excel-
ent understanding of the mechanisms of metastasis formation, the characteristics of metastases, their aggressiveness, and prognostic factors for treat-
ment response. The coverage includes discussion of
all of the best available options (laboratory, radiol-
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nosis and both established and novel therapeutic
approaches. Detailed information is provided on hor-
monal manipulations, bone-targeted[...]

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M. Brennan, C. Antonescu, K. Alektiar, R. Maki

Management of Soft Tissue Sarcoma, 2nd Edition

This book has been designed to provide the full
description of the comprehensive management of
peritoneal surface malignancies which have origi-
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course of these diseases, the book explores the appli-
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malignancy. The first chapters[...]

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E. Canbay (Ed.)

Unusual Cases in Peritoneal Surface Malignancies

This book has been designed to provide the full
description of the comprehensive management of
peritoneal surface malignancies which have origi-
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Breast Oncology: Techniques, Indications, and Interpretation

This book presents up to date debates and issues in the world of breast MRI with a very practical focus on how to incorporate current understanding of breast MRI into clinical practice. The book is divided into three key sections, all of which have critical impact for the breast imager: Techniques introduces the reader to the parameters of breast MRI from standard sequences to up-to-date cutting edge techniques. Indications provides a careful review of the accepted indications for breast MRI from High Risk Screening to use of breast MRI in the context of neoadjuvant chemotherapy with a detailed analysis of the evidence-based support for these indications and a careful look at [...] More on www.springer.com/978-3-319-42561-0

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Cardio-Oncology

The Clinical Overlap of Cancer and Heart Disease

Co-edited and written by an interdisciplinary team of experts in oncology and cardiology, this book is a clinically useful resource on these overlapping topics: • Cardiac complications in patients receiving cancer therapy • The treatment of cancer in patients with cardiovascular disease • The treatment of cardiovascular disease in patients with cancer When relevant to medical practice, epidemiology and basic science are also included in the discussion and each chapter is written by an oncologist and a cardiologist. Additionally, the chapters follow a similar format to make the book truly interdisciplinary, user-friendly, and clinically applicable to specialists and non-specialists [...] More on www.springer.com/978-4-319-55530-8

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Erscheinungstermin: March 22, 2017

Immunotherapy for Gastrointestinal Cancer

This book is about the manipulation of the immune system as a therapeutic approach to gastrointestinal cancer and its clinical applications, exploring therapeutic approaches which might be taken under the broad banner of immunotherapy. Starting by introducing concepts of modern immunology, the clinical applications of immunotherapy are then discussed. The reader will learn about the three broad classes of immune therapeutic agents: cell-based treatment; antibody therapy; cytokine application and the key effector cells and mechanisms which might cause tumour rejection. The reverse side of this equation, the genetic and molecular mechanisms which the tumour can use to escape immune [...] More on www.springer.com/978-3-319-43061-4

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Renal Cell Carcinoma

Molecular Features and Treatment Updates

This book provides a comprehensive review of diagnosis and treatments of renal cell carcinoma (RCC) for practitioners and researchers with an interest in this disease. A major aim of the book is to present the most important and most recent advances in molecular bases and targeted therapy for this neoplasm. The remarkable resistance to chemotherapy and radiotherapy and the minimum contribution of cancer genes that commonly mutate in other adult epithelial cancers have made RCC highly distinct from other types of solid neoplasms. In the past decade, however, treatment options for RCC have been expanding and moving quickly toward laboratory-based and molecular-targeted therapies [...] More on www.springer.com/978-4-319-55530-8

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Current Concepts in Endometrial Cancer

This book comprehensively covers endometrial carcinoma, a type of gynecological cancer that is often overlooked but of great interest. Although the incidence of the disease is rapidly increasing, both per se and as part of familial cancer syndromes, there is a great deal of controversy regarding its diagnosis, evaluation and management. This book underlines the significance of endometrial carcinoma, highlights key prevention measures, charts its evaluation, and addresses the stage-by-stage management of this malignancy, with particular attention to the role of minimally invasive surgery. Further, it includes a chapter on future perspectives including robotics, targeted therapies and [..]

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M. Oya (Ed.)

R. Patni (Ed.)

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S.L. Heller, L. Moy (Eds.)

D. Kerr, R. Johnson (Eds.)
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Neo-adjuvant chemotherapy is becoming more pop-
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hood and adolescent obesity, and the role of body fat
loss in adulthood on cancer risk, the effects of child-
hepatic and adolescent obesity, and the role of body fat
distribution in cancer risk. Individual chapters discuss
potential pathways for the observed associations and
explore possible mechanisms from both an[...]
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Ovarian Cancers
Advances through International Research
Cooperation (GINECO, ENGOT, GCIG)
This book provides an overview of the latest develop-
ments in the concepts and management of ovar-
ian cancer. The new data presented throughout opens
the way to radically different therapeutic approaches.
Surgery remains the core of ovarian cancer treatment,
but its ultimate goal and the standard surgical pro-
cedure have evolved, giving rise to the question of
how to label expert centers for debulking surgery.
Neo-adjuvant chemotherapy is becoming more pop-
ular and is also a new field for testing novel drug
combinations. Over recent years, ovarian cancer man-
agement has embraced molecular biology. It is now
more correct to talk about cancers of the ovary rather
than ovarian cancer, since it[...]
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Cancer, Intimacy and Sexuality
A Practical Approach
This book provides a wide-ranging overview of the
sexual consequences of cancer and its treatment with
the aid of equipping physicians and other health care
providers with the awareness and knowledge required
in order to offer patients effective treatment. While
sexuality may not be the primary focus for cancer
patients, at some point, whether because of sexual
changes or relationship issues, many patients come to
acknowledge the effects that cancer and its treatment
have had on their sexuality. Although the impacts are
frequently similar, significant variation is observed.
Some patients experience changes in all phases of sex-
ual response, while others experience none; moreover,
the[...]
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Erscheinungstermin: April 25, 2017

Breast Cancer Survivorship
Consequences of early breast cancer and its
treatment
This book discusses the impact on women of the diag-
nosis and treatment of early breast cancer. Readers
will learn about the risks of breast cancer recurrence
and interventions to reduce these, such as endocrine
therapy and bisphosphonate therapy, as well as the
role of lifestyle factors such as diet and exercise. The
long-term effects of treatment on fertility, the heart
and other systems are discussed, as well the psy-
chological burden for women who are increasingly likely
to be cured from their cancer. Each chapter provides
background and a practical guide in the manage-
ment of women after the initial phase of diagnosis and
treatment. Authored by a multidisciplinary team this
book[...]
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Pediatric Cancer in Africa
A Case-Based Guide to Diagnosis and
Management
This text is the only book of its kind to provide spe-
cific guidance applicable to limited resource settings
and builds up from the foundation of general prac-
titioner or general pediatrician competence. Written
and edited by leaders in the field, this manual
educates physicians on the essential components of
the discipline, filtered through the experience of spe-
cialists from developing countries, with immediate
applicability in the specific healthcare environment in
these countries. Typically, manuals of pediatric hema-
tology-oncology are written by specialists from high-
income countries, and usually target an audience with
a sub-specialist level of training, often assisted by[...]
More on www.springer.com/978-3-319-17935-3

Forthcoming
U. Veronesi, A. Goldhirsch, P. Veronesi, O.D. Gentilini, M.C.
Leonardi (Eds.)

Breast Cancer
Innovations in Research and Management
This book provides the reader with up-to-date infor-
mation on important advances in the understand-
ing of breast cancer and innovative approaches to its management. Current and emerging perspectives on genetics, biology, and prevention are first discussed in depth, and individual sections are then devoted to pathology, imaging, oncological surgery, plastic and reconstructive surgery, medical oncology, and radiotherapy. In each case the focus is on the most recent progress and/or state of the art therapies and techniques. Further topics to receive detailed consideration include particular conditions requiring multidisciplinary approaches, the investigation of new drugs and immunological...

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Erscheinungstermin: May 6, 2017

W. Walther (Ed.)

Current Strategies in Cancer Gene Therapy

This book describes important developments and emerging trends in experimental and clinical cancer gene therapy. It reflects the tremendous advances made over recent years with respect to immunogenes, suicide genes and gene correction therapies, as well as in gene suppression and miRNA therapies. Many of the described strategies focus on the generation of more efficient and specific means of attack at known and novel cellular targets associated with tumor development and progression. The book also details parallel improvements in vector design, vector delivery, and therapeutic efficacy. It offers readers a stimulating, broad overview of advances in the field, linking experimental[...]

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J. Wong, T. Schultheiss, E. Radany (Eds.)

Advances in Radiation Oncology

This book concisely reviews important advances in radiation oncology, providing practicing radiation oncologists with a fundamental understanding of each topic and an appreciation of its significance for the future of radiation oncology. It explores in detail the impact of newer imaging modalities, such as multiparametric magnetic resonance imaging (MRI) and positron emission tomography (PET) using fluorodeoxyglucose (FDG) and other novel agents, which deliver improved visualization of the physiologic and phenotypic features of a given cancer, helping oncologists to provide more targeted radiotherapy and assess the response. Due consideration is also given to how advanced technologies[...]

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Erscheinungstermin: April 20, 2017

J.G. de la Garza-Salazar, F. Morales-Vásquez, A. Mene-ses-García (Eds.)

Cervical Cancer

This book provides readers with a thorough review on cervical cancer, treatment guidelines and emerging therapies available for the disease. It reviews the epidemiology clinical features, diagnosis, and medical management of cervical cancer. Given the increasing need for preventive strategies, treatment optimization with collaborative and integrative work, this book improves the actual and integral knowledge in this neoplasm. Given the high prevalence of this disease in Latin America, this is an important text for clinicians in this region. This book outlines the state of the art in cervical cancer treatments and is an indispensable companion for oncologists, gynecologists,[...]

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